INTERNATIONAL SEARCH REPORT

Internat Application No PCT/up 03/03833

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A. CLASSI IPC 7	FIGURE F16L55/1645			
According to	o International Patent Classification (IPC) or to both national classifi	cation and IPC		
	SEARCHED	cation and tro		
	currentation searched (classification system followed by classifica $F16L$	llon symbols)		
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X Furt	her documents are listed in the continuation of box C.	X Patent family members a	are listed in annex.	
"A" docume consider in the consideration in the considera	ant defining the general state of the art which is not dered to be of particular relevance document but published on or after the International state on which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but han the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the	actual completion of the international search	Date of mailing of the international search report		
	November 2003	12/11/2003		
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Vecchio, G		

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